

# 10523634 EAST Search History J.C.D.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S239	243	359/641,618,619,627,636,10,11,15,16,1.ccls. and @pd>"20070313"	US-PGPUB; USPAT	OR	ON	2007/11/05 17:50
S240	15	359/629.ccls. and @pd>"20070313"	US-PGPUB; USPAT	OR	ON	2007/11/05 17:50
S241	104	362/227-230,257,217.ccls. and @pd>"20070313"	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S242	383	385/31,33,37.ccls. and @pd>"20070313"	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S243	139	372/26,29.011,96,99,101,102,108.ccls. and @pd>"20070313"	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S244	142560	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin\$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3 or match\$3 or join\$3 or pair\$3 or mat\$3 or "couple up" or "bring together")	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S245	2214	359/618,619.ccls.	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S246	676	S244 and S245	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S247	323	S246 and collimat\$3	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S248	2428	"quarter wave plate" and "half wave plate"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:51
S249	32878	(collimat\$3 or parallel) adj lens\$2	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S250	95392	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2007/11/05 18:15
S251	10304	S249 and S250	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S252	859	(359/629).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 17:51
S253	35	S252 and S251	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S254	104589	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin\$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S255	8306	S249 and S254	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51

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S25 6	54	S255 and S252	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S25 7	36	S256 not S253	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S25 8	17	S253 not S256	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S25 9	2964	"semiconductor laser array" or (semi-conductor adj laser)	US-PGPUB; USPAT	OR	ON	2007/11/05 18:13
S26 0	2	S259 and S252	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 1	2073	359/618	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 2	165	S251 and S261	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 3	94	S254 and S262	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 4	95392	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 5	104589	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin\$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 6	148856	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve) near5 degrees	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 7	21039	S264 and S265	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 8	2078	S267 and S266	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S26 9	103937	((beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)) or "quarter wave plate" or "wave plate"	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 0	2078	S268 and S269	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 1	5123	(372/26,29.011,96,99,101,102, 108).ccls.	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 2	14	S270 and S271	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 3	4490	(359/10,11,15,16,19,20,27,34, 558-563,568-573).ccls.	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 4	34	S270 and S273	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51

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S27 5	6964	(385/31,33,37).ccls.	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 6	19	S270 and S275	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 7	1977	(359/641,619,627,636).ccls.	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 8	40	S270 and S277	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S27 9	153215	(strip or strip\$3) and reflect\$3	US-PGPUB; USPAT	OR	ON	2007/11/05 18:14
S28 0	76116	S279 and transmit\$4	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S28 1	2077	S280 and combiner	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S28 2	1177	S281 and laser	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S28 3	477	S282 and collimat\$3	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S28 4	379	S283 and degree	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S28 5	327	S284 and rotat\$3	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S28 6	81	S285 and (flat near3 (plate or surface))	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S28 7	81	S285 and (flat near3 (plate or surface))	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S28 8	13712	(collimat\$3 or parallel) adj lens\$2	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S28 9	19337	((beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)) or "quarter wave plate" or "wave plate"	FPRS; EPO; JPO	OR	ON	2007/11/05 17:51
S29 0	487	S289 and S288	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S29 1	34250	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S29 2	414	S291 and S290	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S29 3	414	S288 and S292	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51

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S29 4	284	S293 and laser	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S29 5	152	S294 and reflect\$3	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S29 6	51	S295 and transmit\$4	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S29 7	53	S293 and condenser	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S29 8	46	S296 not S297	FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/05 17:51
S29 9	32878	(collimat\$3 or parallel) adj lens\$2	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 0	95392	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 1	10304	S299 and S300	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 2	2073	359/618	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 3	165	S301 and S302	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 4	104589	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin\$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 5	94	S304 and S303	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 6	859	(359/629).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 17:51
S30 7	35	S306 and S301	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 8	8306	S299 and S304	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S30 9	54	S308 and S306	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S31 0	2964	"semiconductor laser array" or (semi-conductor adj laser)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S31 1	2	S310 and S306	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51

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S31 2	36	S309 not S307	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S31 3	17	S307 not S309	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S31 4	259	S312 or S313 or S311 or S307 or S305 or S278 or S276 or S272 or S274	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S31 5	782	S306 not S314	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S31 6	341	S315 and ((first and second) near2 (light\$3 or beam or ray or lite))	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S31 7	68	S316 and ((ninety or "90") with degrees)	US-PGPUB; USPAT	OR	ON	2007/11/05 18:13
S31 8	24	("20040067016"   "20040091013"   "20040091209"   "4978197"   "5155623"   "5258989"   "5513201"   "5650873"   "5798877"   "5946130"   "6005717"   "6064528"   "6151342"   "6175452"   "6212216"   "6229831"   "6337873"   "6356577"   "6411323"   "6556352"   "6680800"   "6683727"   "6785440"   "6851610").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:51
S31 9	45	S270 and S302	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S32 0	219	S247 and (reflect\$3 and transmit\$4)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S32 1	38	S320 and (stripes or stips)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S32 2	21077	collimat\$3 and transmitting and reflect\$3	US-PGPUB; USPAT	OR	ON	2007/11/05 18:15
S32 3	284	S322 and S302	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S32 4	267	(combin\$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3) and S323	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S32 5	194	S324 and laser	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S32 6	170	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve) and S325	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S32 7	283	S248 and collimate	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:51
S32 8	3087772	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51

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S32 9	26085	S328 and S249	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S33 0	8605	S250 and S329	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S33 1	104589	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin\$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S33 2	32878	(collimat\$3 or parallel) adj lens\$2	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S33 3	2179	(362/227-230,257,217).ccls.	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S33 4	341	S315 and (first and second) near2 (light\$3 or beam or ray or lite)	US-PGPUB; USPAT	OR	ON	2007/11/05 17:51
S33 5	11447	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve) near5 degrees	FPRS; EPO; JPO	OR	ON	2007/11/05 17:51
S33 6	15684	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve) near5 degrees.clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 18:16
S33 7	21326	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin\$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3).clm.	US-PGPUB; USPAT; FPRS	OR	ON	2007/11/05 18:16
S33 8	36910	((ninety or "90") with degrees).clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 18:16
S33 9	1480	"semiconductor laser array" or (semi-conductor adj laser).clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 18:16
S34 0	35353	(strip or strip\$3) and reflect\$3.clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 18:16
S34 1	4698	(collimat\$3 or parallel) adj lens\$2.clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 18:16
S34 2	12210	collimat\$3 and transmitting and reflect\$3.clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 18:16
S34 3	12210	collimat\$3 and transmitting and reflect\$3.clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 18:16
S34 4	13525	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3).clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 18:17
S34 5	105	S336 and S337 and S338	US-PGPUB; USPAT	OR	ON	2007/11/05 18:17
S34 6	1	S339 and S345	US-PGPUB; USPAT	OR	ON	2007/11/05 18:17
S34 7	46	("4794615"   "4813762"   "4895790"   "5081637"   "5268978"   "5369661").PN. OR ("5513201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 18:39

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S34 8	46	("4794615"   "4813762"   "4895790"   "5081637"   "5268978"   "5369661").PN. OR ("5513201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 18:39
S34 9	54	"5513201"	US-PGPUB; USPAT	OR	ON	2007/11/09 10:48
S35 0	1	("5513201").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/09 10:52
S35 1	1	S350 and (collimat\$3)	US-PGPUB; USPAT	OR	ON	2007/11/09 10:52